

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015376.D
 Acq On : 30 Aug 2023 14:40
 Operator : SY/MD
 Sample : 04203-06
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(12-12.5)

Quant Time: Aug 31 01:00:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	184593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	285645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124042	62.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.380%
35) Dibromofluoromethane	7.710	113	100160	55.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.140%
50) Toluene-d8	10.179	98	371016	56.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.680%
62) 4-Bromofluorobenzene	12.477	95	126445	52.185	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.380%

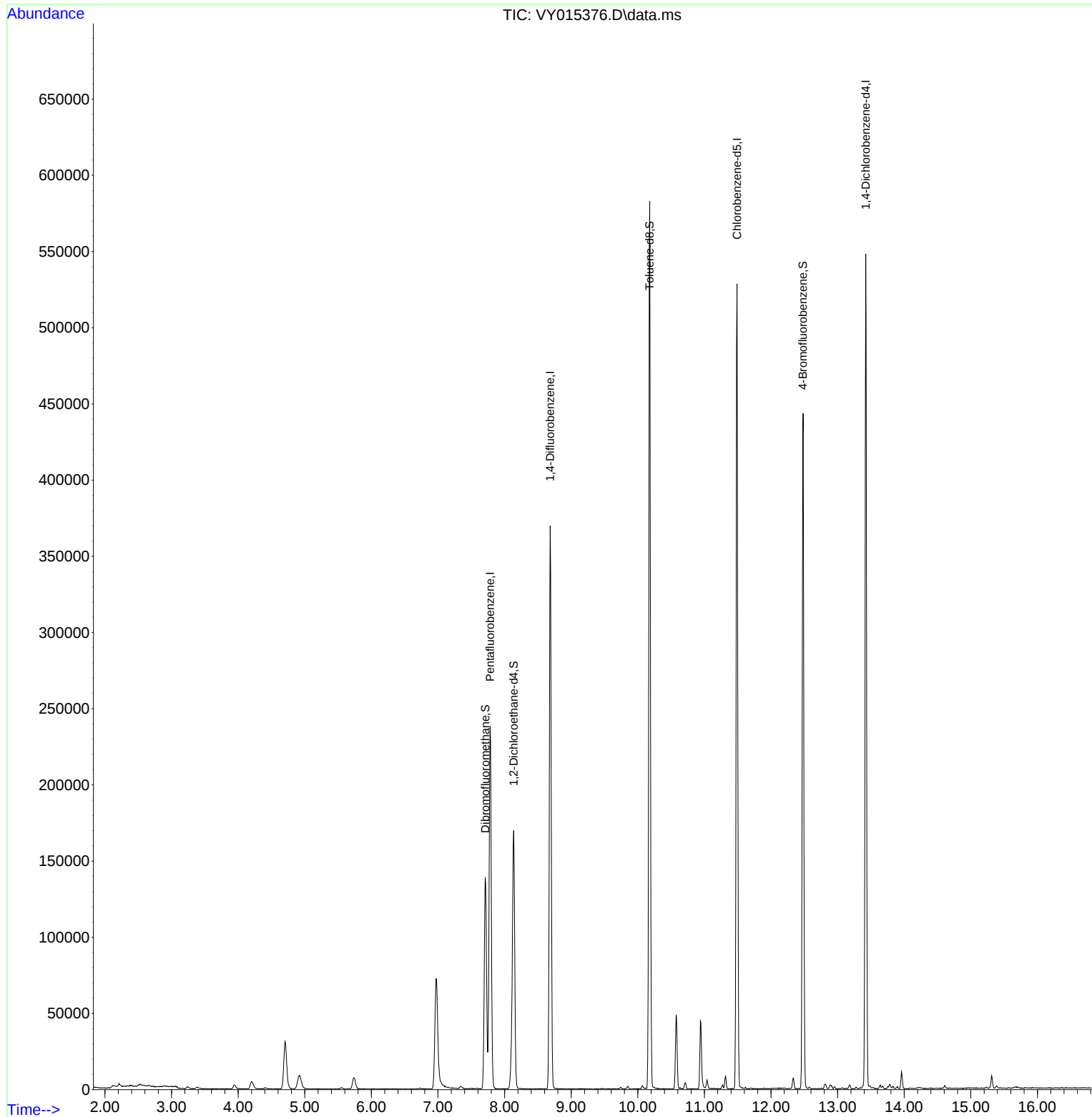
Target Compounds	Qvalue

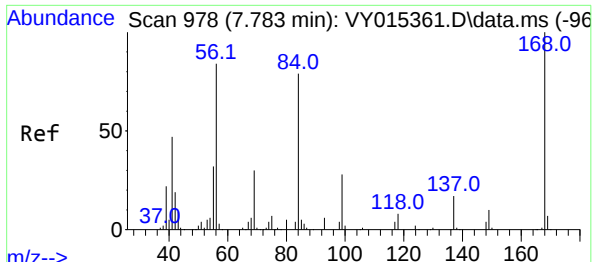
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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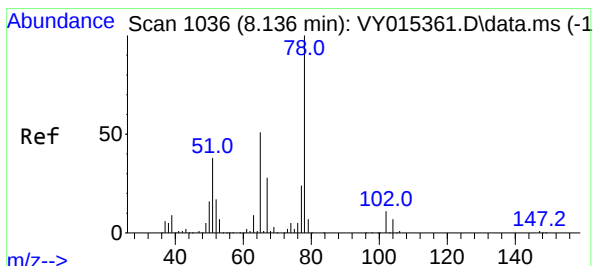
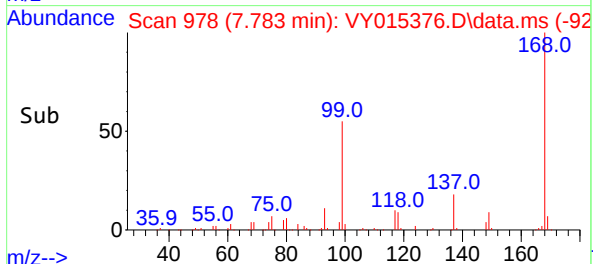
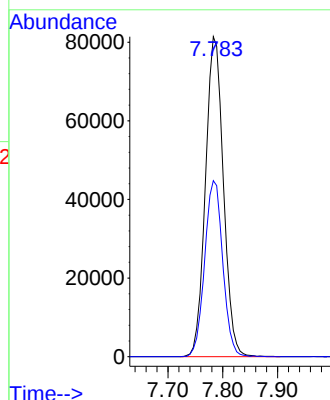
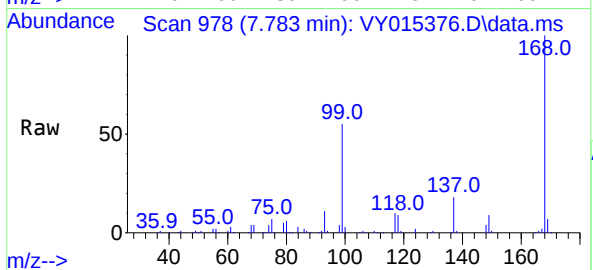




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015376.D
Acq: 30 Aug 2023 14:40

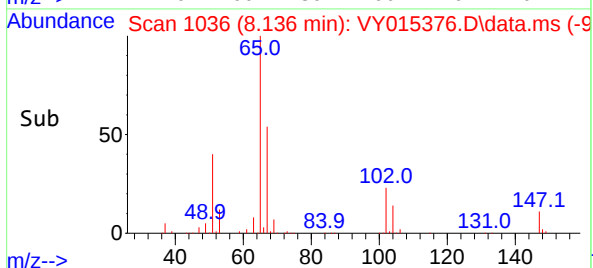
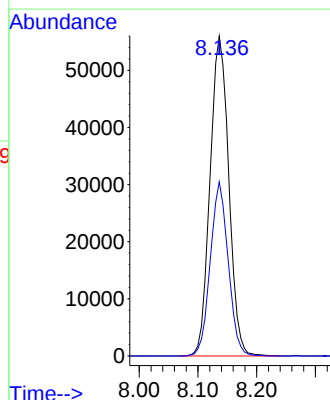
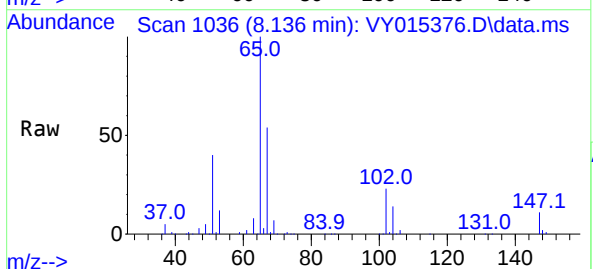
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(12-12.5)

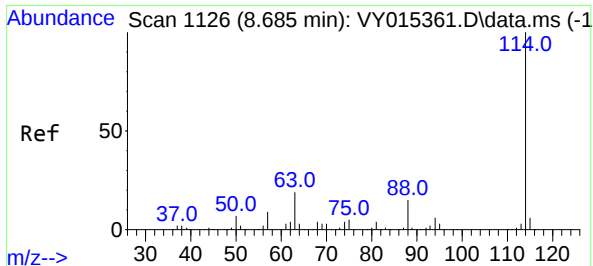
Tgt Ion:168 Resp: 184593
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.685 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015376.D
Acq: 30 Aug 2023 14:40

Tgt Ion: 65 Resp: 124042
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8

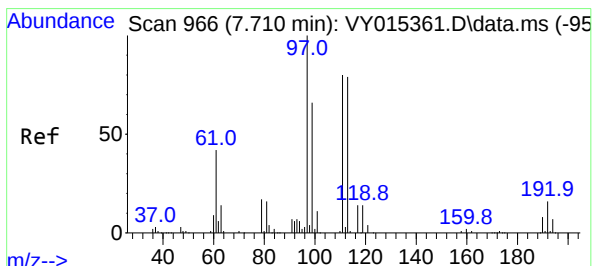
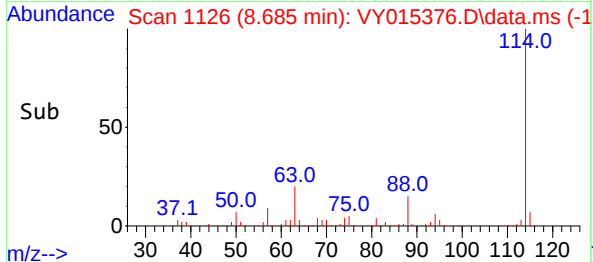
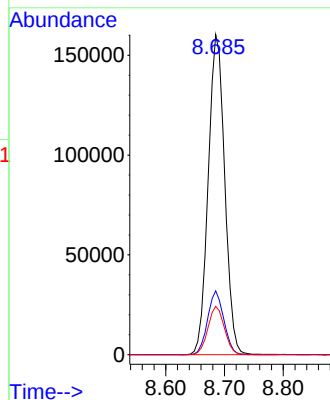
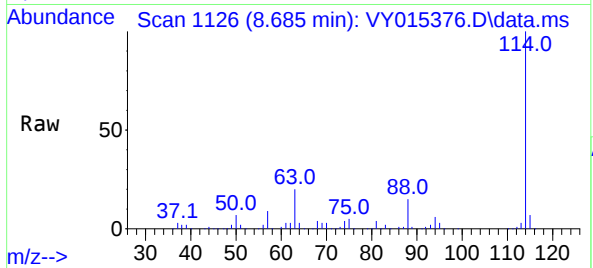




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015376.D
Acq: 30 Aug 2023 14:40

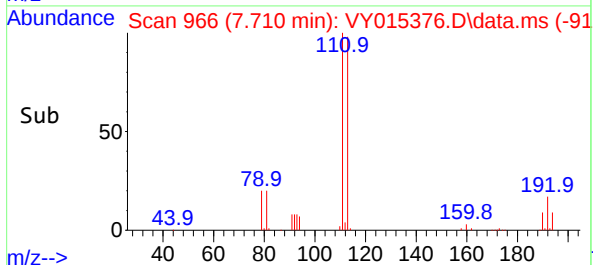
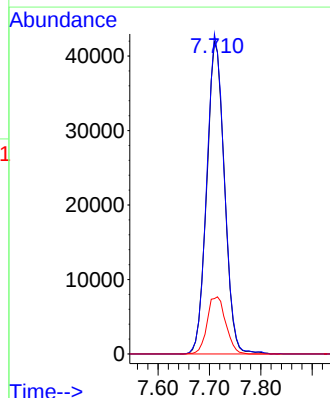
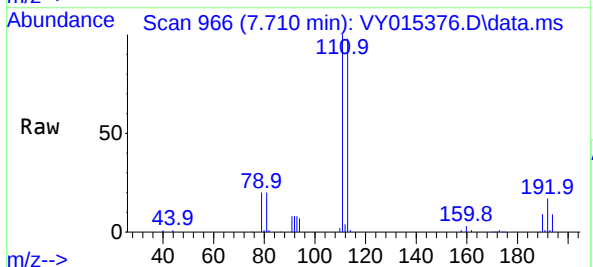
Instrument :
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ClientSampleId :
SB-7(12-12.5)

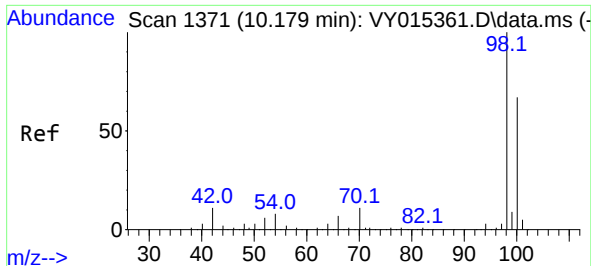
Tgt Ion:114 Resp: 312912
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.573 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015376.D
Acq: 30 Aug 2023 14:40

Tgt Ion:113 Resp: 100160
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 19.2 16.9 25.3

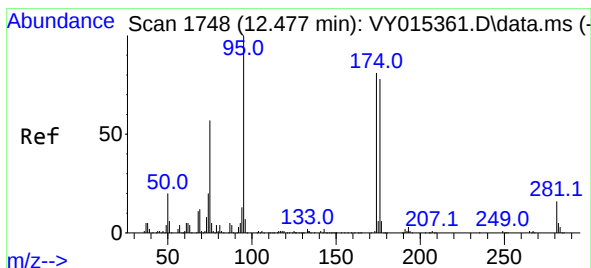
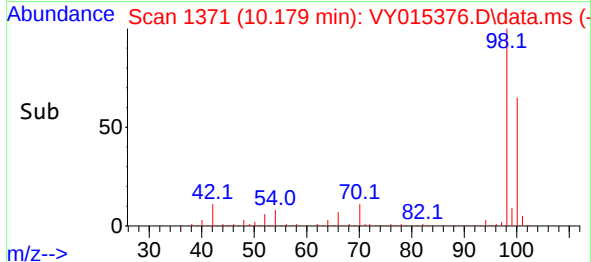
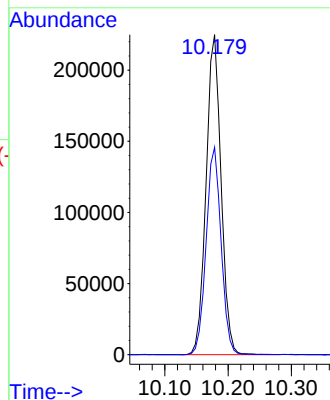
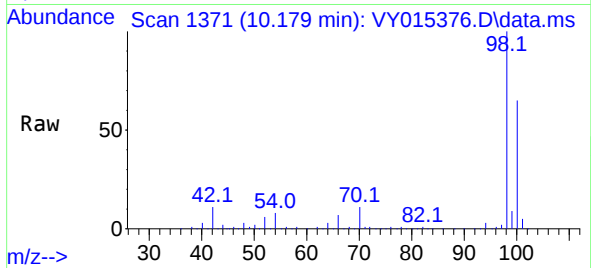




#50
Toluene-d8
Concen: 56.845 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015376.D
Acq: 30 Aug 2023 14:40

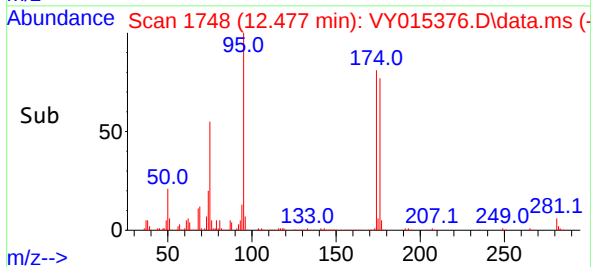
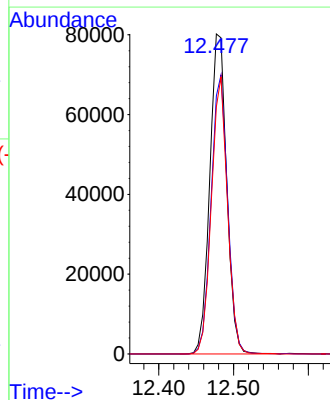
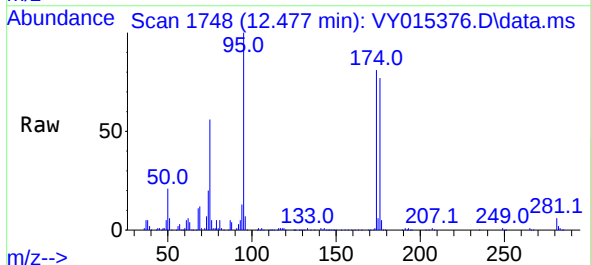
Instrument :
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SB-7(12-12.5)

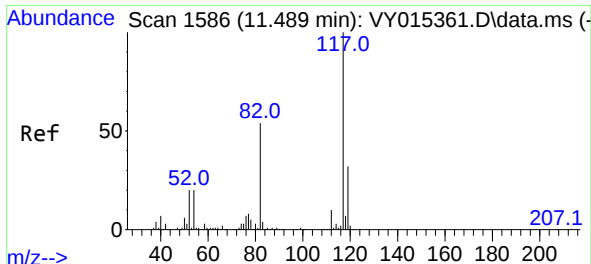
Tgt Ion: 98 Resp: 371016
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.185 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015376.D
Acq: 30 Aug 2023 14:40

Tgt Ion: 95 Resp: 126445
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.0 0.0 173.8



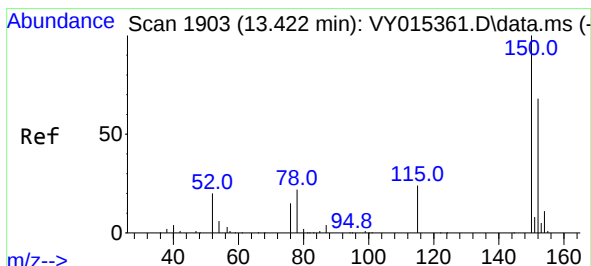
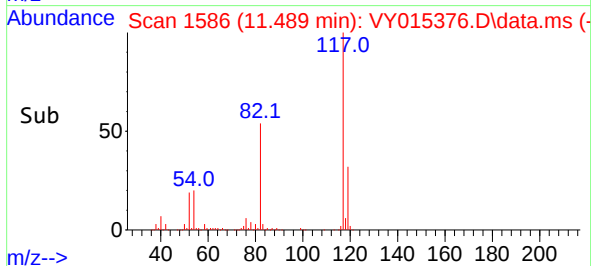
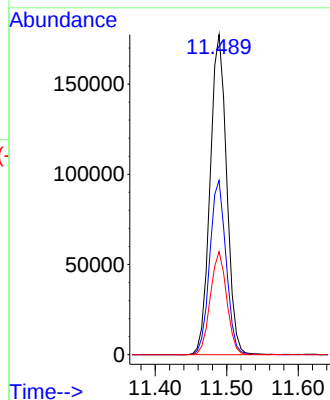
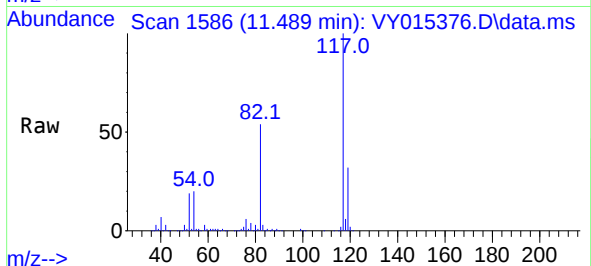


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015376.D
Acq: 30 Aug 2023 14:40

Instrument :
MSVOA_Y
ClientSampleId :
SB-7(12-12.5)

Tgt Ion:117 Resp: 285645

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.4	65.0
119	32.2	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015376.D
Acq: 30 Aug 2023 14:40

Tgt Ion:152 Resp: 137136

Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.8	86.5
150	158.0	0.0	348.8

